

ABSTRACT OF THE DISCLOSURE

There is provided an ink jet head substrate which can sufficiently suppress generation of noises at the time when heating elements are driven, and
5 which can be constituted small in size. In an ink jet head substrate including a plurality of heating elements, a power transistor for driving the heating elements according to image data, an input pad of a heat pulse (pulse width regulating signal) for
10 regulating a width of a drive pulse to be applied to the heating elements, and a block selection unit for dividing the plurality of heating elements into blocks for a predetermined number of heating elements to drive the heating elements in a time division
15 manner with the divided block as a unit, a delay circuit group consisting of a logic circuit (delay circuit) for supplying a drive pulse, which is applied to the heating elements in a selected block, at staggered timing is provided in a line of a heat
20 pulse.